

METHOD AND SYSTEM FOR QUALITY OF SERVICE (QoS) SUPPORT  
IN A PACKET-SWITCHED NETWORK

ABSTRACT OF THE DISCLOSURE

5           A method and system for transporting traffic having  
disparate qualities of service classes across a packet-  
switched network includes receiving at an ingress node of  
a network a plurality of packets each comprising a  
quality of service (QoS) class defined externally to the  
10 network. Packets having a QoS class comprising delay  
bound guarantees and a low drop priority are combined  
into a first internal QoS class. Packets having a QoS  
class comprising a flexible drop priority and no delay  
bound guarantees are combined into a second internal QoS  
15 class. Packets having a QoS class including no delivery  
guarantees are combined into a third internal QoS class.  
The packets are transmitted in the network based on their  
internal QoS class.